

## Special Issue

# Advanced Functional Nanomaterials for Sensor Applications

### Message from the Guest Editors

By organizing this Special Issue, we are inviting the sensor community to contribute original, unpublished research/review articles and short communications. This Special Issue is focused on the synthesis and characterization of functional nanomaterials for sensing applications. Furthermore, the modification of sensing characteristics by tailoring nanomaterial properties is of great interest in this Special Issue. The topics for this Special Issue include (but are not limited to):

- Synthetic strategies for new sensing nanomaterials;
- Nanomanufacturing of thin film-based sensors;
- Nanowires and nanoparticles as sensors;
- Nanomaterials in pressure sensors;
- Gas sensing with nanomaterials;
- Selective detection of biomolecules;
- Nano-biosensors;
- Theoretical studies of sensing behavior;
- Nanomaterial-based physical sensors;
- Magnetic nanosensors;
- Integration of nanosensors;
- Future sensor technology with nanosensors.

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### Guest Editors

Prof. Dr. Ahmad Umar

Prof. Dr. Sheikh A. Akbar

Prof. Dr. Yeon-tae Yu

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### Deadline for manuscript submissions

closed (18 February 2024)



## Chemosensors

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## About the Journal

### Message from the Editorial Board

*Chemosensors* continues to grow as a forum for all manners of sensing that encompass chemistry. *Chemosensors* is published in open access format – all articles and content are released on the internet immediately following acceptance, thus allowing unlimited access to the content as soon as it is published. We would be happy to have you join our growing list of authors.

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### Editors-in-Chief

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